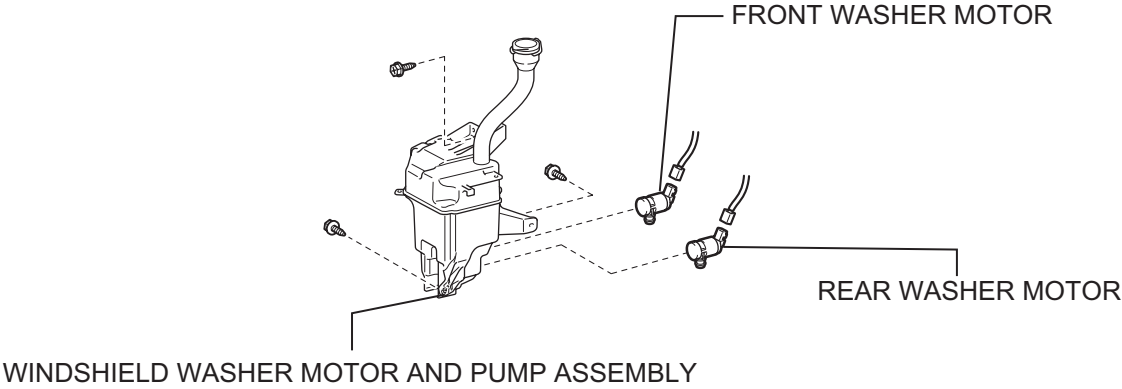


WASHER MOTOR

COMPONENTS



RADIATOR SUPPORT
OPENING COVER

FRONT BUMPER COVER

WW

REMOVAL

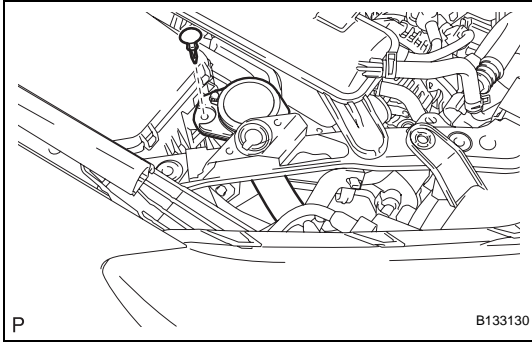
1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**

CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

2. **REMOVE WASHER INLET SUB-ASSEMBLY**

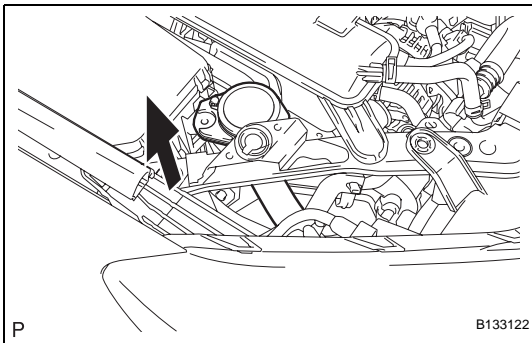
(a) Remove the clip.

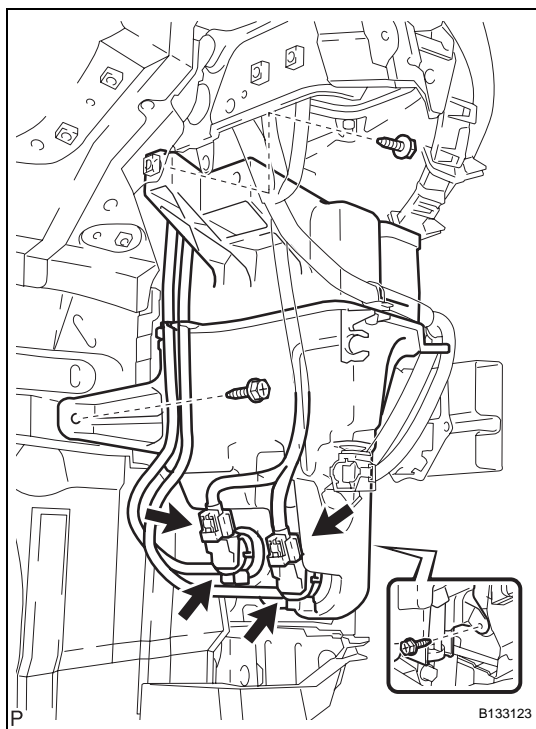


(b) Pull the washer inlet of the washer jar and pump upward. Then remove it from the windshield washer jar and pump.

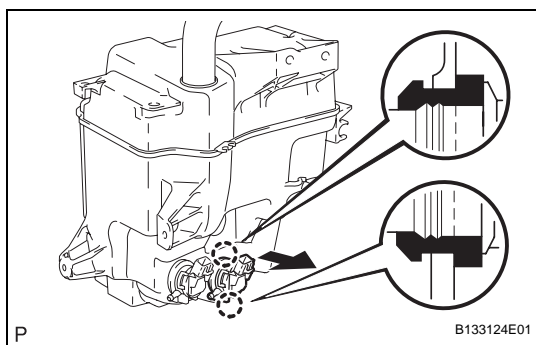
3. **REMOVE FRONT FENDER LINER LH (See page ET-4)**
4. **REMOVE FRONT FENDER LINER RH (See page ET-4)**
5. **REMOVE RADIATOR SUPPORT OPENING COVER (See page ET-4)**
6. **REMOVE FRONT BUMPER COVER (See page ET-5)**
7. **DRAIN WASHER FLUID**

(a) Remove the washer hoses from the windshield washer motor and pump assembly, and drain the washer fluid into a container.

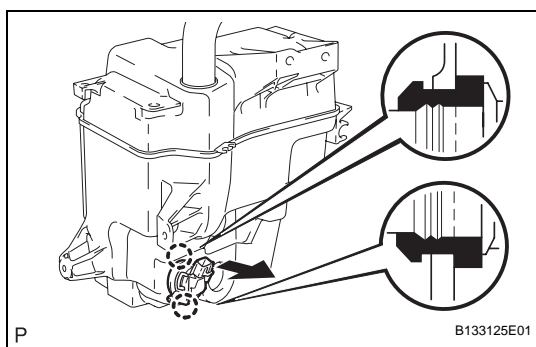


**8. REMOVE WINDSHIELD WASHER JAR ASSEMBLY**

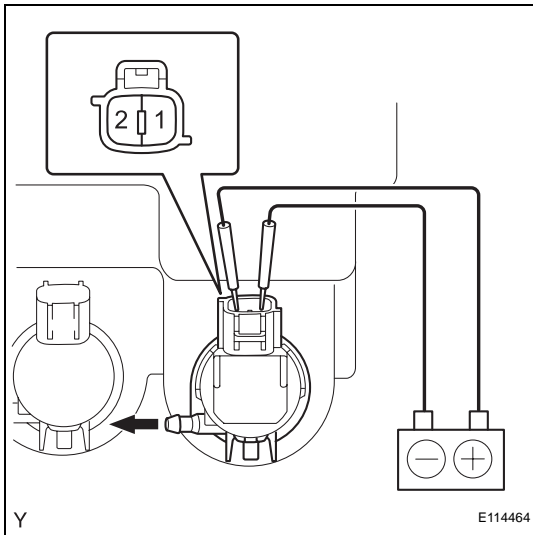
- (a) Disconnect the connectors.
- (b) Remove the 3 bolts. Then remove the washer jar and pump.

**9. REMOVE WINDSHIELD WASHER MOTOR AND PUMP ASSEMBLY**

- (a) Pull out the washer motor and pump from the packing of the washer jar.

**10. REMOVE REAR WASHER MOTOR AND PUMP ASSEMBLY**

- (a) Pull out the washer motor and pump from the packing of the washer jar.



INSPECTION

1. INSPECT WINDSHIELD WASHER MOTOR AND PUMP ASSEMBLY

HINT:

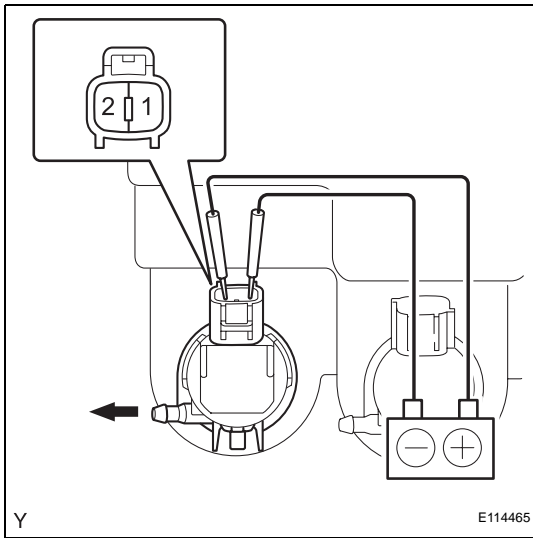
This check should be performed with the windshield washer motor and pump installed to the washer jar.

- Fill the washer jar with washer fluid.
- Connect the battery's positive (+) lead to terminal 1 of the washer motor and pump, and the negative (-) lead to terminal 2.
- Check that washer fluid flows from the washer jar.

OK:

Washer fluid flows from the washer jar.

If the result is not as specified, replace the washer motor and pump assembly.



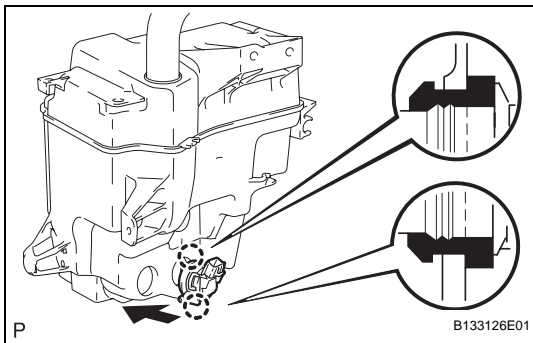
2. INSPECT REAR WASHER MOTOR AND PUMP ASSEMBLY

- Fill the washer jar with washer fluid.
- Connect the battery's positive (+) lead to terminal 1 of the washer motor and pump, and the negative (-) lead to terminal 2.
- Check that washer fluid flows from the washer jar.

OK:

Washer fluid flows from the washer jar.

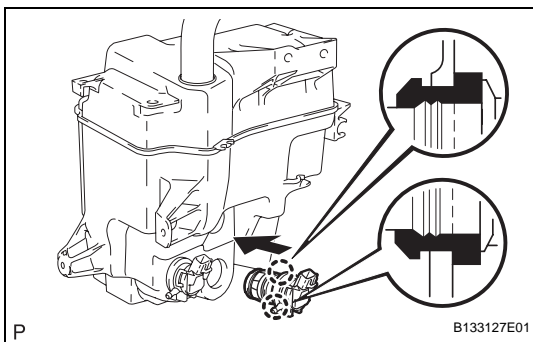
If the result is not as specified, replace the washer motor and pump assembly.



INSTALLATION

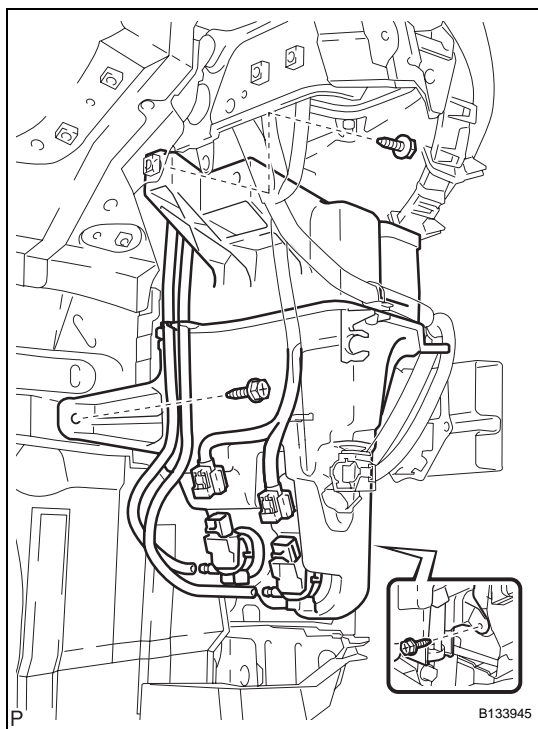
1. INSTALL REAR WASHER MOTOR AND PUMP ASSEMBLY

- Install the windshield washer motor and pump to the packing of the washer jar.



2. INSTALL WINDSHIELD WASHER MOTOR AND PUMP ASSEMBLY

- Install the windshield washer motor and pump to the packing of the washer jar.



3. INSTALL WINDSHIELD WASHER JAR ASSEMBLY

- (a) Install the windshield washer jar and pump with the 3 bolts.
- (b) Connect the connectors.

4. FILL UP WASHER JAR AND PUMP ASSEMBLY WITH WASHER FLUID

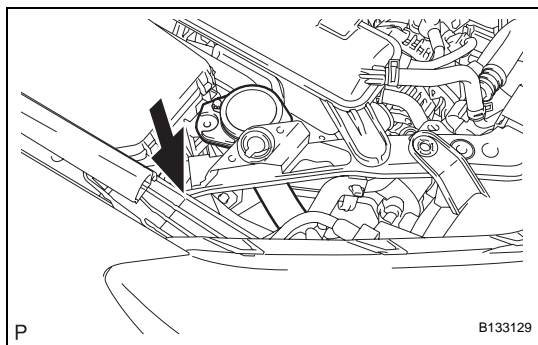
- (a) Connect the washer hoses to the washer motor and pump, and fill the washer jar with washer fluid.

5. INSTALL FRONT BUMPER COVER (See page ET-11)

6. INSTALL RADIATOR SUPPORT OPENING COVER (See page ET-12)

7. INSTALL FRONT FENDER LINER LH (See page ET-12)

8. INSTALL FRONT FENDER LINER RH (See page ET-12)



9. INSTALL WASHER INLET SUB-ASSEMBLY

- (a) Install the washer inlet of the washer jar and pump to the windshield washer jar and pump.

- (b) Install the washer inlet of the washer jar and pump with the clip.

10. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

